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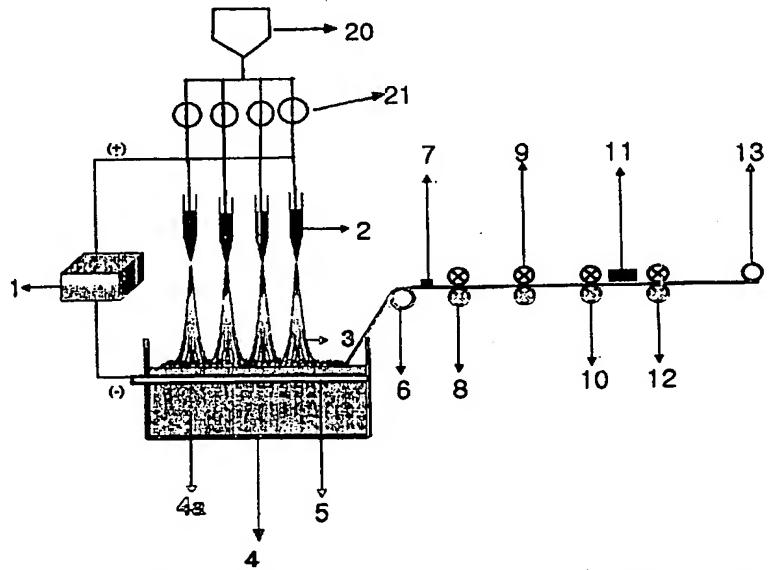
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- (71) Applicant and  
(72) Inventor: KIM, Hag-Yong & [KR/KR]; 410-6, Pyunghwa-dong 2ga, Wansan-gu, Jeonju-si, Jeollabuk-do 560-865 (KR).
- (72) Inventors; and  
(75) Inventors/Applicants (for US only): GIL, Myung-Seop & [KR/KR]; 103-1601 Hangang APT, 660-1 Hyojadong 1ga, Hyoja3-dong, Wansan-gu, Jeonju-si, Jeollabuk-do
- 560-858 (KR). JUNG, Yoon-Ho, [KR/KR]; 108-403 Sangsan-twom, Hyoja-dong, Wansan-gu, Jeonju-si, Jeollabuk-do 560-240 (KR). KIM, Hyung-Ju & [KR/KR]; 110-1701 Woosung APT, Jinbuk2-dong, Deokjin-gu, Jeonju-si, Jeollabuk-do 561-783 (KR). LEE, Bong-Seok & [KR/KR]; 202 Samyounghwasin, 622-2 Eumnae-ri, Gochang-eup, Gochang-gun, Jeollabuk-do 585-808 (KR).
- (74) Agent: CHO, Hwal-Rai; Suite No. 1507 Yoksam Heights Bldg, 642-19, Yoksam-Dong, Kangnam-Gu, Seoul 135-981 (KR).
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(54) Title: A PROCESS OF PREPARING CONTINUOUS FILAMENT COMPOSED OF NANO FIBER



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(57) Abstract: The present invention relates to a process of preparing a continuous filament composed of a nano fiber, wherein nano fibers are prepared by spinning a polymer spinning dope in a spinning dope main tank (20) onto the surface of water or organic solvent (4a) of a collector (4), which contains water or inorganic solvent (4a) and has a conductive material (5) with a high voltage applied sunken in the water or organic solvent (4a), through nozzles (2) with a high voltage applied, and the nano fibers are pressed, drawn, dried and wound while being pulled by a rotary roller (6) rotating at a constant linear velocity from the location spaced more than 1cm from one end of a dropping spot. The present invention can prepare a continuous filament composed of a nano fiber by an electrospinning method and a continuous process.